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# 32nd International Symposium on Lattice Field Theory (Lattice 2014)

## Monday 23 June 2014

### Physics beyond the standard model: Parallel 1C - 214 Pupin (14:15-15:55)

- Conveners: Lucini, Biagio

time	title	presenter
14:15	Models of Walking Technicolor on the Lattice	SINCLAIR, Donald
14:35	Phase Structure Study of SU(2) Lattice Gauge Theory with 8 flavours	HUANG, Cynthia Yu-Han
14:55	SU(2) gauge theory with many flavors of domain-wall fermions	MATSUFURU, Hideo
15:15	Approaching Conformality	NUNES DA SILVA, Tiago Jose
15:35	Walking technicolor: testing infra-red conformality with exact results in two dimensions	AKERLUND, Oscar

### Physics beyond the standard model: 2C - 214 Pupin (16:30-18:30)

- Conveners: Del Debbio, Luigi

time	title	presenter
16:30	Higgs physics near the conformal window	KUTI, Julius
16:50	The low mass scalar impostor and the composite Higgs	WONG, chik him
17:10	Testing composite Higgs models on the lattice	RINALDI, Enrico
17:30	Targeting the Conformal Window: Measuring the $0^{++}$ Scalar	WEINBERG, Evan
17:50	Gauge and Higgs boson masses from an extra dimension	MOIR, Graham
18:10	Composite (Goldstone) Higgs Dynamics on the Lattice: Spectrum of SU(2) Gauge Theory with two Fundamental Fermions	HIETANEN, Ari

## Tuesday 24 June 2014

### **Physics beyond the standard model: Parallel 3C - 214 Pupin (14:15-15:55)**

- Conveners: Lin, David

time	title	presenter
14:15	Beyond the Standard Model Kaon Mixing from Mixed-Action Lattice Simulations	HANSEN, Maxwell
14:35	Beyond the Standard Model Matrix Elements with the gradient flow	SHINDLER, Andrea

## Wednesday 25 June 2014

### **Physics beyond the standard model: Parallel 5C - 214 Pupin (09:00-10:40)**

- Conveners: Dr. Nagai, Kei-ichi

time	title	presenter
09:00	Improved gradient flow for step scaling function and scale setting	HASENFRATZ, Anna
09:20	The gradient flow running coupling in SU2 with 8 flavors	RANTAHARJU, Jarno
09:40	SU(3) gauge theory with 12 flavours in a twisted box	LIN, C.-J. David
10:00	Four-fermi anomalous dimension with adjoint fermions	DEL DEBBIO, Luigi
10:20	Calculating the chiral condensate diagrammatically at strong coupling	MYERS, Joyce

### **Physics beyond the standard model: Parallel 6C - 214 Pupin (11:10-13:10)**

- Conveners: Kuti, Julius

time	title	presenter
11:10	Phase structure of the N = 1 supersymmetric Yang-Mills theory at finite temperature	PIEMONTE, Stefano
11:30	Lattice Formulations of Supersymmetric Gauge Theories with Matter Fields	JOSEPH, ANOSH
11:50	Loop formulation of supersymmetric Yang-Mills quantum mechanics	WENGER, Urs
12:10	Simulating N=4 Super Yang-Mills	CATTERALL, Simon
12:30	The continuum limit of lattice N=4 super-Yang-Mills	GIEDT, Joel
12:50	Results from lattice studies of maximally supersymmetric Yang--Mills	SCHAICH, David

## Friday 27 June 2014

### **Physics beyond the standard model: Parallel 8C - 214 Pupin (14:15-15:55)**

- **Conveners: Hasenfratz, Anna**

time	title	presenter
14:15	Nuclear physics beyond QCD	DETMOLD, William
14:35	The bosonic side of composite dark matter	BUCHOFF, Michael
14:55	Dark matter baryon candidates in the sextet gauge model	MONDAL, Santanu
15:15	Scattering lengths in SU(2) Gauge Theory with two Fundamental Fermions	DRACH, Vincent
15:35	Gauge-invariant signature of spontaneous gauge symmetry breaking by the Hosotani mechanism	DE FORCRAND, Philippe

### **Physics beyond the standard model: Parallel 9C - 214 Pupin (16:30-18:30)**

- **Conveners: Catterall, Simon**

time	title	presenter
16:30	Last results of N=1 supersymmetric Yang-Mills theory with some topological insights	GIUDICE, pietro
16:50	Non-renormalization theorem and cyclic Leibniz rule in lattice supersymmetry	SAKAMOTO, Makoto
17:10	Spectrum of the SU(4) lattice gauge theory with fermions in the anti-symmetric two index representation	LIU, Yuzhi
17:30	Light composite scalar and other spectra in Nf=8 QCD	NAGAI, Kei-ichi
17:50	Analysis of the scalar and vector channels in many flavor QCD	OHKI, Hiroshi
18:10	Phase structure and Higgs boson mass in a Higgs-Yukawa model with a dimension-6 operator	NAGY, Attila